

DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on April 10, 2009 has been entered.

2. Claims 1, 2, 5, 6, 10, 11, 14, 15, 18, 22, 23 are amended and Claim 6 is cancelled by the applicant.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with the applicant representative, Mr. Sean F. Parmenter (Registration No. 53,437) on 09/30/09. During the telephone conference, Mr. Miller has agreed and authorized examiner to amend claim 18 to overcome the 101 issue.

CLAIM:

a. Referring to claim 18:

Please replace claim 18 as follows:

A computer program product having a computer-readable memory medium storing a set of code modules which when executed by a processor of a computer system cause the processor to search unstructured data stored in a database, the computer program product comprising:

code for receiving information indicative of a set of one or more application events that, upon occurrence, causes database transactions instantiated by database applications with a database management system of the database to be intercepted and electronic records to be generated from data in underlying database tables associated with execution of operations by the database applications identified in the database transactions;

code for storing a plurality of electronic records created based on mappings between underlying database tables associated with execution of operations by the database applications and the plurality of electronic records in response to occurrence of the set of one or more application events in a common repository of electronic records in the database that provides an audit trail that cannot be altered or disabled by users associated with the database, wherein each electronic record comprises unstructured data stored in a character large-object (CLOB) format in a column of a table of the database;

code for generating a first graphical user interface and displaying the first graphical user interface on a display device, the first graphical user interface configured to enable a user to identify one or more reference to sections of unstructured data within the plurality of electronic records stored in the database as elements of security rules;

code for receiving information from a user via the first graphical user interface identifying a reference to a section of unstructured data within an electronic record as an element of one or more security rules;

code for generating the one or more security rules in response to the information from the user identifying the reference to a section of unstructured data within the electronic record as an element of the one or more security rules;

code for creating a security protocol that protects the plurality of electronic records stored in the database against unauthorized access based on the one or more security rules;

code for creating a query designed to identify a set of electronic records stored in the database that meet criteria designated in the query;

code for modifying the query in accordance with the security protocol to create a modified query prior to executing the query, the modified query including the section of unstructured data within the electronic document identified by the user as an element of the one or more security rules; and

code for running the modified query against the unstructured data of the plurality of electronic records stored in the database.

Allowable Subject Matter

3. Claims 1-6, 8-15,17-23 and 25 are allowed.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to NIRAV PATEL whose telephone number is (571)272-5936. The examiner can normally be reached on 8 am - 4:30 pm (M-F).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on 571-272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

*/N. P./
Examiner, Art Unit 2435
/Kimyen Vu/
Supervisory Patent Examiner, Art Unit 2435*